

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	clarke.in. and "applied intellectual".as.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 11:41
S2	0	clarke.in. "."	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 11:45
S3	6481	clarke.in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 11:45
S4	26	S3 and acid electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 11:45
S5	103	S3 and electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 11:47
S6	77	S5 and @ad<="20020625"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 11:48
S7	11	S6 and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 11:48
S8	1	"4772362".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 12:38
S9	1	"4898652".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 12:39
S10	3	(US-5281496-\$ or US-4772362-\$ or US-4898652-\$).did.	USPAT	ADJ	ON	2008/01/16 12:39
S11	2	S10 and dendrite formation	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 12:39
S12	9852	methane sulfonic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 12:41
S13	8439	methane sulfonic acid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 12:41
S14	3	(US-5281496-\$ or US-4772362-\$ or US-4898652-\$).did.	USPAT	ADJ	ON	2008/01/16 13:06
S15	1	S14 and sulfonic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 13:07

S16	8439	methane sulfonic acid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 13:08
S17	227	S16 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 13:08
S18	4	S16 and battery	JPO	ADJ	ON	2008/01/16 13:08
S19	92	S17 and zinc	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 13:10
S20	27	S19 and @ad<="20020625"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 13:10
S21	1	(US-4772362-\$).did.	USPAT	ADJ	ON	2008/01/16 13:38
S22	0	S21 and brighten	USPAT	ADJ	ON	2008/01/16 13:38
S23	1	S21 and brightener	USPAT	ADJ	ON	2008/01/16 13:38
S24	5	("4170526" or "4207150" or "4176017" or "4070256" or "4252619").pn.	USPAT	ADJ	ON	2008/01/16 13:39
S25	3	S24 and (aromatic or polyhydric)	USPAT	ADJ	ON	2008/01/16 13:40
S26	1	(US-7214443-\$).did.	USPAT	ADJ	ON	2008/01/16 13:43
S27	1	S26 and methane sulfonic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 13:43
S28	65	S19 not S20	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 13:50
S29	1	(US-20050118498-\$).did.	US-PGPUB	ADJ	ON	2008/01/16 13:54
S30	1	(US-20050118498-\$).did.	DERWENT	ADJ	ON	2008/01/16 13:54
S31	512	polyvinyl sulfonic acid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 14:14
S32	70	polyvinyl sulfuric acid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 14:14
S33	7291	sulfurous acid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 14:14
S34	263	(S31 or S32 or S33) and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 14:14

S35	143	S34 and electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 14:15
S36	46	S35 and zinc	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 14:15
S37	83	S35 and @ad<="20020625"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 14:15
S38	32	S37 and zinc	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 14:15
S39	23	clarke.in. and (magneli or methane sulfonic) and @ad<="20020625"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/16 14:42
S40	1	10/518041	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 07:33
S41	0	"4772362".pn. and redox	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 07:47
S42	1	"4772362".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 07:53
S43	0	"4772362".pn. and oxygen	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 07:58
S44	1	"4772362".pn. and air	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 07:58
S45	0	"4772362".pn. and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 07:59
S46	5	"4772362"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 08:00
S47	3	("4772362").URPN.	USPAT	ADJ	ON	2008/01/17 08:02
S48	56	"429".clas. and zinc and dendrite and (acid or acidic) electrolyte	USPAT	ADJ	ON	2008/01/17 08:03
S49	3	"429".clas. and zinc and dendrite and (acid or acidic) electrolyte and organic acid	USPAT	ADJ	ON	2008/01/17 08:06
S50	30	"429".clas. and zinc and dendrite and organic acid	USPAT	ADJ	ON	2008/01/17 08:07
S51	4	"4898652"	USPAT	ADJ	ON	2008/01/17 08:10
S52	1	"5281496".pn.	USPAT	ADJ	ON	2008/01/17 08:14

S53	1	2003/0162087	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 08:20
S54	2	"20030162087"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 08:20
S55	1	(US-20030162087-\$).did.	US-PGPUB	ADJ	ON	2008/01/17 08:22
S56	0	S55 and dendrite	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 08:22
S57	1	S55 and zinc	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 08:22
S58	1	methane sulfonic acid with dendrite	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 08:23
S59	3	methane sulfonic acid same dendrite	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 08:24
S60	3	zinc and dendrite and (acid or acidic) electrolyte and organic acid	USPAT	ADJ	ON	2008/01/17 09:06
S61	26	clark.in. and methane sulfonic	USPAT	ADJ	ON	2008/01/17 09:24
S62	21	clarke.in. and methane sulfonic	USPAT	ADJ	ON	2008/01/17 09:27
S63	3	clarke.in. and methane sulfonic and dendrite	USPAT	ADJ	ON	2008/01/17 09:27
S64	3	clarke.in. and methane sulfonic and dendrit\$	USPAT	ADJ	ON	2008/01/17 09:32
S65	1	(US-7214443-\$).did.	USPAT	ADJ	ON	2008/01/17 09:36
S66	0	S65 and magnelli	USPAT	ADJ	ON	2008/01/17 09:37
S67	1465	battery and organic acid	USPAT	ADJ	ON	2008/01/17 09:38
S68	83	S67 and organic acid with electrolyte	USPAT	ADJ	ON	2008/01/17 09:38
S69	83	S67 and organic acid with electrolyte	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 09:39
S70	3221	battery and organic acid	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 09:39
S71	211	S70 and organic acid with electrolyte	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 09:39
S72	18	S71 and dendrit\$	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 09:39
S73	227	methane sulfonic acid and battery	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 09:58

S74	92	S73 and zinc	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 09:58
S75	1	"5281496".pn.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:00
S76	0	S75 and methane sulfonic	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:00
S77	0	S75 and organic acid	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:00
S78	0	S75 and zinc	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:01
S79	1	"4397730".pn.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:18
S80	2	"20030162087"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:25
S81	2552	trifluoromethane sulfonic acid	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:31
S82	115	S81 and battery	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:31
S83	106	S82 not sulfonic acid salt	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:32
S84	95	S82 not (sulfonic acid (salt or lithium))	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:33
S85	434	dendrite near4 (reduction or reduce or reducing)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:41
S86	234	S85 and battery	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:42
S87	17	S86 and (acid or acidic) electrolyte	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:42
S88	12	S87 not clarke.in.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:42
S89	699	zinc with dendrite	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:44
S90	560	S89 and battery	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:44
S91	50	S90 and sulfonic acid	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:44
S92	50	S91 and zinc	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:44
S93	3114	dendrite and battery	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:53
S94	126	S93 and (acid or acidic) electrolyte	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 10:53
S95	63	S94 and zinc same dendrite	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 11:05
S96	5886	acid electrolyte	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 11:19
S97	101	S96 and battery and dendrite	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 11:19

S98	6956	(acid or acidic) electrolyte	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 11:20
S99	126	S98 and battery and dendrite	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 11:20
S100	1669	zinc with air with battery	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 11:27
S101	769	zinc air battery	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 11:28
S102	90	S101 and dendrite	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 11:28
S103	41	S102 and (acid or acidic) with electrolyte	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/17 11:28
S104	50	("4359510" "4438185" "5716726" "6379836" "4327157" "4358517" "5641591" "5698339" "5824434" "6033806" "6207326" "4842963" "5795679" "4294899" "4306003" "4603094" "4851309" "4968569" "5208526" "5318861" "5728482" "5780186" "5888666" "4285751" "4287276" "4298668" "4298666" "4327164" "4331746" "4371596" "4418130" "4510218" "5011749" "5615717" "5681672" "5837402" "6190801" "3607437" "3923550" "3912999" "4025698" "4040916" "4152224" "4264691" "4307164" "4307159" "4330602" "4372823" "4521497" "5192628" ).pn.	US-PGPUB; USPAT; JPO	OR	ON	2008/01/17 12:27
S105	16	S104 and (acid or acidic) near4 electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 12:28
S106	16	S105 and zinc	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/17 12:31
S107	1	"4220690".pn. and dendrite	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/18 09:19
S108	1	10/518041	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/18 09:22
S109	1	(US-20050208386-\$).did.	US-PGPUB	ADJ	ON	2008/01/18 09:22

S110	1	S109 and "3944430"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/18 09:23
S111	1	"3944430".pn.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/18 09:29
S112	15	("3944430").URPN.	USPAT	ADJ	ON	2008/01/18 09:30
S113	3	S112 and (acid or acidic) electrolyte	USPAT	ADJ	ON	2008/01/18 09:32
S114	1	(US-4220690-\$).did.	USPAT	ADJ	ON	2008/01/22 08:09
S115	0	S114 and organic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:09
S116	0	S114 and brighten\$	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:09
S117	1	S114 and discharge	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:10
S118	731	organic acid and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:32
S119	272	S118 and zinc	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:32
S120	72	S118 and organic acid same zinc	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:33
S121	26	S120 and @ad<="20020625"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:33
S122	2	zinc brightener and "429". clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:45
S123	9	zinc with brightener and "429".clas.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:46
S124	5834	organic acid with zinc	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:49
S125	120	S124 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:49
S126	104	S125 not clarke.in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:49
S127	43	S126 and @ad<="20020625"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 08:50

S128	794	zinc with brightener	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:16
S129	26	S128 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:16
S130	17	S129 not S123	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:16
S131	1687	zinc same brightener	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:17
S132	49	S131 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:18
S133	24	S132 and @ad<="20020625"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:18
S134	794	zinc with brightener	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:21
S135	431	S134 and aromatic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:21
S136	151	S134 and aromatic near3 acid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:21
S137	5	S134 and aromatic monocarboxylic acid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:21
S138	0	"571010359"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:43
S139	1	"57101359"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 09:43
S140	1	(US-4226682-\$).did.	USPAT	ADJ	ON	2008/01/22 10:22
S141	0	S140 and polyhydric	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:22
S142	7	magnelli and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:27
S143	5	magnelli same electrode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:28
S144	1	magnelli same glassy carbon	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:33



S145	1	(US-20050208386-\$).did.	US-PGPUB	ADJ	ON	2008/01/22 10:53
S146	1	S144 and glassy carbon	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:53
S147	0	magnelli same amorphous carbon	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:55
S148	1	magnelli and amorphous carbon	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:55
S149	4683	cathode with (titanium or ti) and carbon	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:56
S150	817	(titanium or ti) with amorphous carbon	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:57
S151	301	S150 and electrode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:57
S152	0	S151 and magnelli	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:57
S153	83	S150 with (electrode or cathode)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:57
S154	34	S153 and @ad<="20020625"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 10:58
S155	273	cathode with amorphous carbon	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:06
S156	28	S155 same (titanium or ti)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:08
S157	124	ebonex	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:10
S158	101	S157 and @ad<="20020625"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:10
S159	21	cathode with "TiO.sub.x"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:21
S160	0	cathode with "TiOx.sub."	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:22
S161	0	cathode with "TiO\$1"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:22

S162	158	cathode with TiO\$1	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:22
S163	10	cathode with (TiO\$1 same carbon)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:23
S164	36	cathode with TiO\$1 and carbon	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:24
S165	74	S158 and cathode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:29
S166	36	cathode with TiO\$3 and carbon	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:34
S167	14	ebonex.as.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:43
S168	5	S167 and cathode	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:44
S169	11	"Ti.sub.x" ("O.sub.x" or "O.sub.2x-1")	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:53
S170	16111	(methane sulfonic or polyvinyl sulfonic or polyvinyl sulfuric or sulfurous) acid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:59
S171	444	S170 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 11:59
S172	223	S171 and electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 12:00
S173	16111	(methane sulfonic or polyvinyl sulfonic or polyvinyl sulfuric or sulfurous) acid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 12:06
S174	444	S173 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 12:06
S175	223	S174 and electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 12:06
S177	65	S175 and (S173 same electrolyte)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 12:07
S178	25	S177 and zinc	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:07
S179	49	S177 not clarke.in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:14

S180	40	S179 not S178	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:14
S181	132	methane sulfonic acid same electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:21
S182	34	S181 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:21
S183	18	S182 not clarke.in.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:21
S184	66	zn/air	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:36
S185	30	S184 and @ad< = "20020625"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:36
S186	14	zn/air and (sulfonic or polyvinyl sulfuric or sulfurous)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:39
S187	14	zinc/air and (sulfonic or polyvinyl sulfuric or sulfurous)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:48
S188	14	S187 not S186	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 13:48
S189	176	methane sulfonic acid same aromatic sulfonic acid	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 14:09
S190	12	S189 and electrolyte	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 14:09
S191	1186	methane sulfonic acid same ((aromatic or benzene) sulfonic acid or (monosulfonic or disulfonic or trisulfonic) acid)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 14:11
S192	70	S191 and battery	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 14:11
S193	23	(polyvinyl sulfonic or polyvinyl sulfuric or sulfurous) acid same ((aromatic or benzene) sulfonic acid or (monosulfonic or disulfonic or trisulfonic) acid)	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/01/22 14:47

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